

Blake Miller

St Petersburg, FL | (954)638-2660 | blakeleemiller@gmail.com

OBJECTIVE

To build great software that helps companies grow and thrive.

TECHNICAL SKILLS

Skilled in all phases of software development from mockups to launch, including database design, API development, test-driven development, OO concepts, and MVC architecture.

Web Development	Ruby on Rails, Javascript, TypeScript, React, PHP, Twitter Bootstrap, NodeJS, HTML, Next.js, Tailwind CSS
Mobile Development	React Native
Database	MySQL, MongoDB
TDD	MiniTest, Rspec
Source Control	GIT, Bitbucket, Github
Platforms	Twilio, Amazon AWS
OS	OS X, Linux, Windows
Tools	VSCode/Vim, Balsamiq Mockups, Apache

WORK EXPERIENCE

ScoreBird.com, Remote.....Feb 18-Mar 25
Senior Full Stack Software Developer

- Developed customizable real-time scoring widgets and overlays using **ReactJS & Websockets**, allowing schools to integrate live scores onto their websites and live streams.
- Developed **AWS APIs** and backing Lambda functions in **Ruby** and **JavaScript**.
- Built an interactive sports portal for clients to show real-time scores, school information, and team schedule information in **Ruby on Rails**, to further expand the reach of the platform.
- Established overlay integrations with leading third-party video streaming services such as Tricaster, VMix, Boxcast, and Camstreamer, thereby increasing the platform offering.
- Designed and developed a **React Native** application for fans and schools that delivered real-time scores and game data to their mobile devices.
- Developed an application for large digital scoreboards using **Flutter** to display live scores at sporting events (for the scorebuddy.io product).
- Used Webflow to perform web design/development duties for scorebird.com, scorebuddy.io, and scoreview.io

Crash Cart, Remote.....Sep 17-Feb 18
Contract - Lead Developer

- Developed a server monitoring platform that enabled customers to monitor their server health in real-time, and reported on statistics such as CPU, memory, disk usage, and other custom metrics. (Tools used: **NodeJS**, **GoLang**, **Ruby on Rails**, and **Redis**)
- Made contributions to the cross-platform **GoLang** agent that reported metrics back to the Rails

website.

- Added real-time charts to show visual statistics, using [HighCharts](#).

Spiral Star Development, Remote.....Mar 15-Sep 17

Freelance Web Developer

- Developed a web-based activities-tracking application for the Child Care Group of Texas using **PHP**, **Propel ORM**, and **Zend Framework 2**. The application was used by childcare staff to track statistics/metrics across the entire state of Texas.
- Responsible for optimizing the performance of the Ruby on Rails web application, adding new features, and fixing bugs for eipcards.com. Fixed bugs with their existing native Android and iOS mobile apps.
- Migrated titantnm.com to **WordPress** from a static website, and developed a custom **PHP** Wordpress plugin to manage and display their service areas.
- Designed and developed a website for a local concrete company using **Concrete5 CMS** and **PHP**.
- Ported drberardi.com to **Concrete5 CMS**.
- Ported static websites to **WordPress/PHP** ([myfloridaurology.com](#), [harrisdermatology.com](#))

Wellmatch Health/Aetna, Remote.....Dec 14-Mar 15

Software Engineer

- Built APIs in **Ruby** to support the company's medical cost comparison tool.
- Responsible for building a fully-tested **OAuth2** provider in **Ruby** and **MiniTest**.
- Built a REST API (using [Grape](#)) that provided member insurance information.

Spiral Star Development, Remote.....Mar 13-Oct 14

Freelance Web Developer

- Added new features to a social network for musicians (nthamixx.com), using **Ruby on Rails** & **PostgreSQL**. Features included activity feeds, song management functionality, hashtag support, and a robust search feature.
- Built and designed a variety of **Twitter-Bootstrapped Concrete5 PHP** websites, including mobilefirstmedia.com, [campcenterland.org](#), and [rusticfence.com](#).
- Ported the [guerrilla-rf.com](#) static site to **Concrete5 CMS** and worked with the team to add new pages & functionality.
- Ported [rbmedicalgroup.com](#) from **Wordpress** to **Concrete5 CMS**.

Enilon, Fort Worth, TX.....Sep 10-Mar 13

Software Developer

- Worked for a digital agency building web applications in **PHP**, **ASP.NET**, and **Ruby on Rails**.
- Worked on the **Google Maps** integration and responsible for **Ruby on Rails** development for [fortworthparking.com](#).
- Rewrote a web-based survey tool using **Ruby on Rails** & **RSpec**, resulting in a more modern and fully-tested application for [abusepreventionsystems.com](#).
- Worked with teams to set up **Google Analytics** on websites to allow them to better gauge the effectiveness of SEO and marketing campaigns.
- Provided various **PHP/.NET/Ruby on Rails** features for: [sundancesquare.com](#), [sagora.com](#),

mottega.com, mainstreetartsfest.org, irvingartscenter.org, and fortworthparadeoflights.org.

Teladoc Medical Services, Dallas, TX.....Nov 09-Aug 10
Senior Software Developer

- Worked on a team to rebuild the existing **PHP**-based telehealth portals in **Ruby on Rails**.
- Added support for video chat functionality into the platform, allowing patients to remotely meet with doctors.
- Identified and resolved various bugs with the platform's **Flash**-based video chat application using **ActionScript**.

Clark Material Handling Company, Lexington, KY..... Dec 08 - Aug 09
Lead Web Developer/Infrastructure Analyst

- Enhanced and launched the new clarkmhc.com website (**HTML**, **JQuery**, **JavaScript**).
- Responsible for maintaining servers and troubleshooting computers and network printers (running in **Active Directory**).

Suran Systems, Versailles, KY.....Sep 06-May 08
Web Developer/Webmaster

- Expanded the existing church management software to the web for their “Web Ministry Tools” offering in **Ruby on Rails**, **CSS**, and **JavaScript**. The software allowed churches to log in and customize widgets (e.g., event registration, church directory, and others) and embed them on their website using **JavaScript**.
- Developed a change management system using **Ruby on Rails** and **PostgreSQL** stored procedures, which included the ability to see who changed data and rollback updates at the click of a button.

Octopi, Inc., Tucson, AZ.....Apr 05 - Aug 06
Web/Mobile/Desktop Game Programmer

- Worked on a team to develop the “PoxNora” turn-based strategy game, using **Java**.
- Added game features to the poxnora.com website using **JSP**, **Hibernate**, and **Struts**.
- Developed a diverse range of casual mobile games in **Java/J2ME**, including a suite of card games, a fishing game, an avatar editor, and a multiplayer Sudoku game built for Nokia.

PERSONAL PROJECTS

- 2025 - Launched a music-sharing website similar to Pinterest using Next.js/TypeScript, and Tailwind Css - <https://www.groovesea.com>
- 2024 - Currently building a mobile physics game and a management simulation using Godot Engine
- 2023 - Currently building a budget/expense tracking website in Ruby on Rails 7, Bootstrap 5, MySQL
- 2021 - Created a “Game Of Life” simulator in React/Twitter Bootstrap: blakescreations.com/gol/

EDUCATION

University of North Texas College of Engineering
B.S., Computer Science - 2003